

# METHOD FOR REDUCING DC OFFSET ERROR FOR SINGLE ENDED AND DIFFERENTIAL SIGNALS

## Abstract

5           A feedback signal generated as a function of a peak amplitude detected in an  
input signal provides bias to reduce DC offset. A peak in the input signal is  
compared with a selected signal level to align an output signal relative to a reference  
signal level. The output signal is generated by comparing the reference signal level  
and the biased input signal. Single ended signals are compared with a reference  
10   level and differential input signals are compared with each other to reduce jitter.

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